



# Asus RT-AC68U User Manual

Wireless-ac1900 dual band gigabit router



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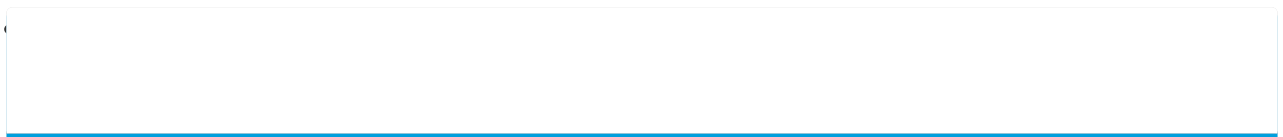
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Troubleshooting



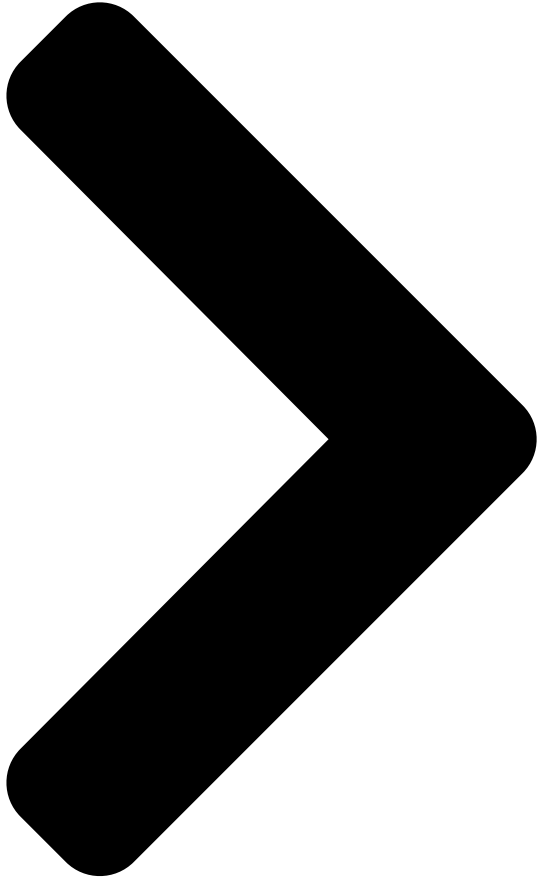
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# User Guide

## RT-AC68U

Wireless-AC1900 Dual Band Gigabit Router

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## Summary of Contents for Asus RT-AC68U

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[Page 2](#) Product warranty or service will not be extended if: (1) the product is repaired, modified or altered, unless such repair, modification or alteration is authorized in writing by ASUS; or (2) the serial number of the product is defaced or missing.

## [Page 3: Table Of Contents](#)

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## [Page 6: Getting To Know Your Wireless Router](#)

Support CD ( Manual NOTES: • If any of the items are damaged or missing, contact ASUS for technical inquiries and support, Refer to the ASUS Support Hotline list at the back of this user manual. • Keep the original packaging material in case you would need future warranty services such as repair or replacement.

## [Page 7: Your Wireless Router](#)

1.3 Your wireless router LAN 1~4 LED Off: No power or no physical connection. On: Has physical connection to a local area network (LAN). WAN (Internet) LED Off: No power or no physical connection. On: Has physical connection to a wide area network (WAN). USB 3.0 / 2.0 LED Off: No power or no physical connection.

## [Page 8: Specifications](#)

WI-FI On/Off button Press this button to turn on /off the Wi-Fi connection. Power button On Off Press this button to power on or off the system. Power (DC-IN) port Insert the bundled AC adapter into this port and connect your router to a power source. USB 3.0 / 2.0 ports Insert USB 3.0 / 2.0 devices such as USB hard disks or USB flash drives into these ports.

## [Page 9: Positioning Your Router](#)

• Always update to the latest firmware. Visit the ASUS website at <http://www.asus.com> to get the latest firmware updates. • To ensure the best wireless signal, orient the three detachable antennas as shown in the drawing below.

## [Page 10: Setup Requirements](#)

1.5 Setup Requirements To set up your wireless network, you need a computer that meets the following system requirements: • Ethernet RJ-45 (LAN) port (10Base-T/100Base-TX/1000BaseTX) • IEEE 802.11a/b/g/n/ac wireless capability • An installed TCP/IP service • Web browser such as Internet Explorer, Firefox, Safari, or Google Chrome NOTES: •...

## [Page 11: Router Setup](#)

Use a wired connection when setting up your wireless router to avoid possible setup problems. • Before setting up your ASUS wireless router, do the following: • If you are replacing an existing router, disconnect it from your network. • Disconnect the cables/wires from your existing modem setup. If your modem has a backup battery, remove it as well.

## [Page 12: Wireless Connection](#)

WAN port. 4. Insert your modem's AC adapter to the DC-IN port and plug it to a power outlet. 1.6.2 Wireless connection RT-AC68U Wall Power Outlet Power To set up your wireless router via wireless connection: 1. Insert your wireless router's AC adapter to the DC-IN port and plug it to a power outlet.

[Page 13](#) 3. Insert your modem's AC adapter to the DC-IN port and plug it to a power outlet. 4. Install an IEEE 802.11a/b/g/n/ac WLAN adapter on your computer. NOTES: • For details on



connecting to a wireless network, refer to the WLAN adapter's user manual.

### [Page 14: Getting Started](#)

Getting started 2.1 Logging into the Web GUI Your ASUS Wireless Router comes with an intuitive web graphical user interface (GUI) that allows you to easily configure its various features through a web browser such as Internet Explorer, Firefox, Safari, or Google Chrome.

### [Page 15: Quick Internet Setup \(Qis\) With Auto-Detection](#)

2.2 Quick Internet Setup (QIS) with Auto- detection The Quick Internet Setup (QIS) function guides you in quickly setting up your Internet connection. NOTE: When setting the Internet connection for the first time, press the Reset button on your wireless router to reset it to its factory default settings.

[Page 16](#) 2. The wireless router automatically detects if your ISP connection type is Dynamic IP, PPPoE, PPTP, L2TP, and Static IP. Key in the necessary information for your ISP connection type. IMPORTANT! Obtain the necessary information from your ISP about the Internet connection type. for Automatic IP (DHCP) for PPPoE, PPTP, and L2TP Downloaded from...

[Page 17](#) for Static IP NOTES: • The auto-detection of your ISP connection type takes place when you configure the wireless router for the first time or when your wireless router is reset to its default settings. If QIS failed to detect your Internet connection type, click Skip to •...

[Page 18](#) 4. Your Internet and wireless settings are displayed. Click Next to continue. 5. Read the wireless network connection tutorial. When done, click Finish. Downloaded from www.Manualslib.com manuals search engine...

### [Page 19: Connecting To Your Wireless Network](#)

2.3 Connecting to your wireless network After setting up your wireless router via QIS, you can connect your computer or other smart devices to your wireless network. To connect to your network: 1. On your computer, click the network icon in the notification area to display the available wireless networks.

### [Page 20: Configuring The General Settings](#)

Configuring the General settings 3.1 Using the Network Map Network Map allows you to configure your network's security settings, manage your network clients, and monitor your USB device. Downloaded from www.Manualslib.com manuals search engine...

### [Page 21: Setting Up The Wireless Security Settings](#)

3.1.1 Setting up the wireless security settings To protect your wireless network from unauthorized access, you need to configure its security settings. To set up the wireless security settings: 1. From the navigation panel, go to General > Network Map. □.

### [Page 22: Managing Your Network Clients](#)

□. From the Security Level dropdown list, select the encryption method for your wireless network. IMPORTANT! The IEEE 802.11n/ac standard prohibits using High Throughput with WEP or WPA-TKIP as the unicast cipher. If you use these encryption methods, your data rate will drop to IEEE 802.11g 54Mbps connection.

### [Page 23: Monitoring Your Usb Device](#)

3.1.3 Monitoring your USB device The ASUS Wireless Router provides two USB ports for connecting USB devices or USB printer to allow you to share files and printer with clients in your network. NOTES: • To use this feature, you need to plug a USB storage device, such as a USB hard disk or USB flash drive, to the USB 3.0/2.0 ports on the rear...

[Page 24](#) IMPORTANT! You first need to create a share account and its permission /access rights to allow other network clients to access the USB device via an FTP site/third-party FTP client utility, Servers Center, Samba, or AiCloud. For more details, refer to the section 3.5.Using the USB Application and 3.6 Using AiCloud in this user manual.

[Page 25](#) Safely removing the USB disk IMPORTANT: Incorrect removal of the USB disk may cause data corruption. To safely remove the USB disk: 1. From the navigation panel, go to

General > Network Map. > Eject USB disk. When 2. In the upper right corner, click the USB disk is ejected successfully, the USB status shows Unmounted.

## [Page 26: Creating A Guest Network](#)

The Guest Network provides temporary visitors with Internet connectivity via access to separate SSIDs or networks without providing access to your private network. NOTE: RT-AC68U supports up to six SSIDs (three 2.4GHz and three 5GHz SSIDs). To create a guest network: 1.

[Page 27](#) 4. To configure additional options, click Modify. 5. Click Yes on the Enable Guest Network screen. 6. Assign a wireless name for your temporary network on the Network Name (SSID) field. 7. Select an Authentication Method. 8. Select an Encryption method. 9.

## [Page 28: Using The Traffic Manager](#)

3.3 Using the Traffic Manager 3.3.1 Managing QoS (Quality of Service) Bandwidth Quality of Service (QoS) allows you to set the bandwidth priority and manage network traffic. To set up bandwidth priority: 1. From the navigation panel, go to General > Traffic Manager > QoS tab.

[Page 29](#) 4. On the user-defined QoS rules page, there are four default online service types – web surf, HTTPS and file transfers. Select your preferred service, fill in the Source IP or MAC, Destination Port, Protocol, Transferred and Priority, then click Apply. The information will be configured in the QoS rules screen.

[Page 30](#) 5. On the User-defined Priority page, you can prioritize the network applications or devices into five levels from the user- defined QoS rules' dropdown list. Based on priority level, you can use the following methods to send data packets: • Change the order of upstream network packets that are sent to the Internet.

## [Page 31: Monitoring Traffic](#)

3.3.2 Monitoring Traffic The traffic monitor function allows you to access the bandwidth usage and speed of your Internet, wired, and wireless networks. It allows you to monitor network traffic even on a daily basis. Note: Packets from the Internet are evenly transmitted to the wired and wireless devices.

## [Page 32: Setting Up Parental Control](#)

3.4 Setting up Parental Control Parental Control allows you to control the Internet access time. Users can set the time limit for a client's network usage. To use the parental control function: 1. From the navigation panel, go to General > Parental control. 2.

## [Page 33: Using The Usb Application](#)

USB hard disk or USB flash drive, in the USB 2.0 port on the rear panel of your wireless router. Ensure that the USB storage device is formatted and partitioned properly. Refer to the ASUS website at <http://event.asus.com/2009/networks/disksupport/> for the file system support table.

[Page 34](#) 3. Select the access rights that you want to assign to the clients accessing your shared data. 4. Create your domain name via the ASUS DDNS services, read the Terms of Service and then select I will use the service and accept the Terms of service and key in your domain name.

## [Page 35: Using Servers Center](#)

Your wireless router allows DLNA-supported devices to access multimedia files from the USB disk connected to your wireless router. NOTE: Before using the DLNA Media Server function, connect your device to the RT-AC68U's network. Downloaded from [www.Manualslib.com](http://www.Manualslib.com) manuals search engine...

[Page 36](#) To launch the Media Server setting page, go to General > USB application > Servers Center > Media Servers tab. Refer to the following for the descriptions of the fields: • Enable DLNA Media Server: Select ON/OFF to enable/ disable the DLNA Media Server. Enable iTunes Server?: Select ON/OFF to enable/disable the iTunes Server.

[Page 37](#) 2. Follow the steps below to add, delete, or modify an account. To create a new account: a) Click to add new account. b) In the Account and Password fields, key in the name

and password of your network client. Retype the password to confirm.

[Page 38](#) 3. From the list of folders, select the type of access permission that you want to assign for specific folders: • R/W: Select this option to assign read/write access. • R: Select this option to assign read-only access. • No: Select this option if you do not want to share a specific file folder.

[Page 39](#) To use FTP Share service: Ensure that you have set up your FTP server through NOTES: AiDisk. For more details, refer to the section 3.5.1 Using AiDisk. 1. From the navigation panel, click General > USB application > Servers Center > FTP Share tab. 2.

[Page 40](#) Miscellaneous setting Miscellaneous setting allows you to configure other settings for the USB disk, including the maximum number of user logins, the device name, work group, and character set used on the FTP server. To configure Miscellaneous settings: 1. From the navigation panel, click General > USB application > Servers Center >...

### [Page 41: G/4G](#)

• Work Group Assigns the name of the local RT-AC68U network as seen in Network Neighborhood. NOTE: For Device Name and Work Group, the standard input characters include letters (a-z, A-Z), digits (0-9), space, underscores(\_), and hyphens(-). The first and last character should not contain any spaces.

[Page 42](#) To set up 3G/4G internet access: 1. From the navigation panel, click General > USB application > 3G/4G. 2. In the Enable USB Modem field, select Yes. 3. Set up the following: • Location: Select your 3G/4G service provider's location from the dropdown list.

### [Page 43: Using Aicloud](#)

To use AiCloud: 1. From Google Play Store or Apple Store, download and install the ASUS AiCloud app to your smart device. 2. Connect your smart device to your network. Follow the instructions to complete the AiCloud setup process.

### [Page 44: Cloud Disk](#)

1. Insert a USB storage device into the wireless router. 2. Turn on Cloud Disk. 3. Go to <https://router.asus.com> and enter the router login account and password. For better user experience, we recommend that you use Google Chrome or Firefox.

[Page 45](#) 4. You can now start accessing Cloud Disk files on devices connected to the network. NOTE: When accessing the devices that are connected to the network, you need to enter the device's user name and password manually, which will not be saved by AiCloud for security reason. Downloaded from [www.Manualslib.com](http://www.Manualslib.com) manuals search engine...

### [Page 46: Smart Access](#)

The Smart Access function allows you to easily access your home network via your router's domain name. NOTES: • You can create a domain name for your router with ASUS DDNS. For more details, refer to section 4.3.5 DDNS. • By default, AiCloud provides a secure HTTPS connection. Key in [https://\[yourASUSDDNSname\].asuscomm.com](https://[yourASUSDDNSname].asuscomm.com) for a very secure...

### [Page 47: Smart Sync](#)

1. Launch AiCloud, click Smart Sync > Go. 2. Select ON to enable Smart Sync. 3. Click Add new account. 4. Enter your ASUS WebStorage account password and select the directory that you want to sync with WebStorage. 5. Click Apply.

### [Page 48: Configuring The Advanced Settings](#)

Configuring the Advanced Settings 4.1 Wireless 4.1.1 General The General tab allows you to configure the basic wireless settings. To configure the basic wireless settings: 1. From the navigation panel, go to Advanced Settings > Wireless > General tab. 2. Select 2.4GHz or 5GHz as the frequency band for your wireless network.

[Page 49](#) 4. In the Hide SSID field, select Yes to prevent wireless devices from detecting your SSID. When this function is enabled, you would need to enter the SSID manually on the wireless device to access the wireless network. 5. Select any of these wireless mode options to

determine the types of wireless devices that can connect to your wireless router: •...

[Page 50](#) • WPA/WPA2 Personal/WPA Auto-Personal: This option provides strong security. You can use either WPA (with TKIP) or WPA2 (with AES). If you select this option, you must use TKIP + AES encryption and enter the WPA passphrase (network key). • WPA/WPA2 Enterprise/WPA Auto-Enterprise: This option provides very strong security.

### [Page 51: Wps](#)

4.1.2 WPS WPS (Wi-Fi Protected Setup) is a wireless security standard that allows you to easily connect devices to a wireless network. You can configure the WPS function via the PIN code or WPS button. NOTE: Ensure that the devices support WPS. To enable WPS on your wireless network: 1.

[Page 52](#) NOTE: WPS supports authentication using Open System, WPA-Personal, and WPA2-Personal. WPS does not support a wireless network that uses a Shared Key, WPA-Enterprise, WPA2-Enterprise, and RADIUS encryption method. 3. In the WPS Method field, select Push Button or Client PIN code.

### [Page 53: Bridge](#)

ASUS wireless router. It can also be considered as a wireless repeater where your ASUS wireless router communicates with another access point and other wireless devices.

[Page 54](#) • HYBRID: Enables the Wireless Bridge feature and allows other wireless devices/stations to connect to the router. NOTE: In Hybrid mode, wireless devices connected to the ASUS wireless router will only receive half the connection speed of the Access Point.

### [Page 55: Wireless Mac Filter](#)

4.1.4 Wireless MAC Filter Wireless MAC filter provides control over packets transmitted to a specified MAC (Media Access Control) address on your wireless network. To set up the Wireless MAC filter: 1. From the navigation panel, go to Advanced Settings > Wireless >...

### [Page 56: Radius Setting](#)

4.1.5 RADIUS Setting RADIUS (Remote Authentication Dial In User Service) Setting provides an extra layer of security when you choose WPA- Enterprise, WPA2-Enterprise, or Radius with 802.1x as your Authentication Mode. To set up wireless RADIUS settings: 1. Ensure that the wireless router's authentication mode is set to WPA-Enterprise, WPA2-Enterprise, or Radius with 802.1x.

### [Page 57: Professional](#)

4.1.6 Professional The Professional screen provides advanced configuration options. NOTE: We recommend that you use the default values on this page. In the Professional Settings screen, you can configure the following: • Frequency: Select the frequency band that the professional settings will be applied to.

[Page 58](#) • Date to Enable Radio (weekend): You can specify which days of the weekend wireless networking is enabled. • Time of Day to Enable Radio: You can specify a time range when wireless networking is enabled during the weekend. • Set AP isolated: The Set AP isolated item prevents wireless devices on your network from communicating with each other.

### [Page 59: Lan](#)

• Wireless multicast forwarding: Select Enable to allow the wireless router to forward multicast traffic to other wireless devices that support multicast. Select Disable to prevent the router from forwarding multicast transmissions. • Enable WMM APSD: Enable WMM APSD (Wi-Fi Multimedia Automatic Power Save Delivery) to improve power management between wireless devices.

### [Page 60: Dhcp Server](#)

To modify the LAN IP settings: 1. From the navigation panel, go to Advanced Settings > LAN > LAN IP tab. 2. Modify the IP address and Subnet Mask. 3. When done, click Apply. 4.2.2 DHCP Server Your wireless router uses DHCP to assign IP addresses automatically on your network.

[Page 61](#) 3. In the Domain Name text box, enter a domain name for the wireless router. 4. In

the IP Pool Starting Address field, key in the starting IP address. 5. In the IP Pool Ending Address field, key in the ending IP address.

### [Page 62: Route](#)

4.2.3 Route If your network makes use of more than one wireless router, you can configure a routing table to share the same Internet service. NOTE: We recommend that you do not change the default route settings unless you have advanced knowledge of routing tables. To configure the LAN Routing table: 1.

### [Page 63: Iptv](#)

4.2.4 IPTV The wireless router supports connection to IPTV services through an ISP or a LAN. The IPTV tab provides the configuration settings needed to set up IPTV, VoIP, multicasting, and UDP for your service. Contact your ISP for specific information regarding your service.

### [Page 64: Wan](#)

4.3 WAN 4.3.1 Internet Connection The Internet Connection screen allows you to configure the settings of various WAN connection types. To configure the WAN connection settings: 1. From the navigation panel, go to Advanced Settings > WAN > Internet Connection tab. 2.

[Page 65](#) Enable NAT: NAT (Network Address Translation) is a system • where one public IP (WAN IP) is used to provide Internet access to network clients with a private IP address in a LAN. The private IP address of each network client is saved in a NAT table and is used to route incoming data packets.

[Page 66](#) • Contact your ISP and update the MAC address associated with your ISP service. • Clone or change the MAC address of the ASUS wireless router to match the MAC address of the previous networking device recognized by the ISP.

### [Page 67: Port Trigger](#)

4.3.2 Port Trigger Port range triggering opens a predetermined incoming port for a limited period of time whenever a client on the local area network makes an outgoing connection to a specified port. Port triggering is used in the following scenarios: •...

[Page 68](#) • Trigger Port: Specify a trigger port to open the incoming port. Protocol: Select the protocol, TCP, or UDP. • Incoming Port: Specify an incoming port to receive inbound • data from the Internet. Protocol: Select the protocol, TCP, or UDP. •...

### [Page 69: Virtual Server/Port Forwarding](#)

Forwarding on your router allows PCs outside the network to access specific services provided by a PC in your network. NOTE: When port forwarding is enabled, the ASUS router blocks unsolicited inbound traffic from the Internet and only allows replies from outbound requests from the LAN.

[Page 70](#) 2. Configure the following settings below. When done, click Apply. Enable Port Forwarding: Choose Yes to enable Port • Forwarding. Famous Server List: Determine which type of service you • want to access. Famous Game List: This item lists ports required for popular •...

[Page 71](#) You will need a client outside your LAN but has Internet access (referred to as "Internet client"). This client should not be connected to the ASUS router. • On the Internet client, use the router's WAN IP to access the server.

### [Page 72: Dmz](#)

4.3.4 DMZ Virtual DMZ exposes one client to the Internet, allowing this client to receive all inbound packets directed to your Local Area Network. Inbound traffic from the Internet is usually discarded and routed to a specific client only if port forwarding or a port trigger has been configured on the network.

### [Page 73: Ddns](#)

DNS name rather than WAN IP address. Server and Host Name: Choose ASUS DDNS or other DDNS. • If you want to use ASUS DDNS, fill in the Host Name in the format of

xxx.asuscomm.com (xxx is your host name). •...

### [Page 74: Nat Passthrough](#)

Enable wildcard: Enable wildcard if your DDNS service • requires one. NOTES: DDNS service will not work under these conditions: • When the wireless router is using a private WAN IP address (192.168. x.x, 10.x.x.x, or 172.16.x.x), as indicated by a yellow text. •...

### [Page 75: Ipv6](#)

4.4 IPv6 This wireless router supports IPv6 addressing, a system that supports more IP addresses. This standard is not yet widely available. Contact your ISP if your Internet service supports IPv6. To set up IPv6: 1. From the navigation panel, go to Advanced Settings > IPv6. 2.

### [Page 76: Vpn Server](#)

4.5 VPN Server VPN (Virtual Private Network) provides a secure communication to a remote computer or remote network using a public network such as the Internet. NOTE: Before setting up a VPN connection, you would need the IP address or domain name of the VPN server you are trying to access. To set up access to a VPN server: 1.

### [Page 77: Firewall](#)

4.6 Firewall The wireless router can serve as a hardware firewall for your network. NOTE: The Firewall feature is enabled by default. 4.6.1 General To set up basic Firewall settings: 1. From the navigation panel, go to Advanced Settings > Firewall >...

### [Page 78: Keyword Filter](#)

To set up a URL filter: 1. From the navigation panel, go to Advanced Settings > Firewall > URL Filter tab. 2. On the Enable URL Filter field, select Enabled. 3. Enter a URL and click the button. 4. Click Apply. 4.6.3 Keyword filter Keyword filter blocks access to webpages containing specified keywords.

### [Page 79: Network Services Filter](#)

3. Enter a word or phrase and click the Add button. 4. Click Apply. NOTES: • The Keyword Filter is based on a DNS query. If a network client has already accessed a website such as http://www.abcxxx.com, then the website will not be blocked (a DNS cache in the system stores previously visited websites).

[Page 80](#) To set up a Network Service filter: 1. From the navigation panel, go to Advanced Settings > Firewall > Network Service Filter tab. 2. On the Enable Network Services Filter field, select Yes. 3. Select the Filter table type. Black List blocks the specified network services.

### [Page 81: Administration](#)

4.7 Administration 4.7.1 Operation Mode The Operation Mode page allows you to select the appropriate mode for your network. To set up the operating mode: 1. From the navigation panel, go to Advanced Settings > Administration > Operation Mode tab. 2.

### [Page 82: System](#)

4.7.2 System The System page allows you to configure your wireless router settings. To set up the System settings: 1. From the navigation panel, go to Advanced Settings > Administration > System tab. 2. You can configure the following settings: •...

### [Page 83: Firmware Upgrade](#)

4.7.3 Firmware Upgrade NOTE: Download the latest firmware from the ASUS website at http://www.asus.com To upgrade the firmware: 1. From the navigation panel, go to Advanced Settings > Administration > Firmware Upgrade tab. 2. In the New Firmware File field, click Browse to locate the downloaded file.

### [Page 84: System Log](#)

4.8 System Log System Log contains your recorded network activities. NOTE: System log resets when the router is rebooted or powered off. To view your system log: 1. From the navigation panel, go to Advanced Settings > System Log. 2. You can view your network activities in any of

these tabs: •...

### [Page 85: Utilities](#)

• The utilities are not supported on MAC OS. 5.1 Device Discovery Device Discovery is an ASUS WLAN utility that detects an ASUS wireless router device, and allows you to configure the wireless networking settings. To launch the Device Discovery utility: •...

### [Page 86: Firmware Restoration](#)

5.2 Firmware Restoration Firmware Restoration is used on an ASUS Wireless Router that failed during its firmware upgrading process. It uploads the firmware that you specify. The process takes about three to four minutes. IMPORTANT: Launch the rescue mode on the router before using the Firmware Restoration utility.

### [Page 87: Setting Up Your Printer Server](#)

5.3 Setting up your printer server 5.3.1 ASUS EZ Printer Sharing ASUS EZ Printing Sharing utility allows you to connect a USB printer to your wireless router's USB port and set up the print server. This allows your network clients to print and scan files wirelessly.

[Page 88](#) NOTE: The print server function is supported on Windows® XP, Windows® Vista, and Windows® 7. To set up the EZ Printer sharing mode: 1. From the navigation panel, go to General > USB Application > Network Printer Server. 2. Click Download Now! to download the network printer utility. NOTE: Network printer utility is supported on Windows®...

[Page 89](#) 4. Follow the onscreen instructions to set up your hardware, then click Next. 5. Wait a few minutes for the initial setup to finish. Click Next. 6. Click Finish to complete the installation. Downloaded from [www.Manualslib.com](http://www.Manualslib.com) manuals search engine...

[Page 90](#) 7. Follow the Windows OS instructions to install the printer driver. ® 8. After the printer's driver installation is complete, network clients can now use the printer. Downloaded from [www.Manualslib.com](http://www.Manualslib.com) manuals search engine...

### [Page 91: Using Lpr To Share Printer](#)

5.3.2 Using LPR to Share Printer You can share your printer with computers running on Windows® and MAC operating system using LPR/LPD (Line Printer Remote/ Line Printer Daemon). Sharing your LPR printer To share your LPR printer: 1. From the Windows® desktop, click Start > Devices and Printers >...

[Page 92](#) 3. Select Create a new port then set Type of Port to Standard TCP/IP Port. Click New Port. 4. In the Hostname or IP address field, key in the IP address of the wireless router then click Next. Downloaded from [www.Manualslib.com](http://www.Manualslib.com) manuals search engine...

[Page 93](#) 5. Select Custom then click Settings. 6. Set Protocol to LPR. In the Queue Name field, key in LPRServer then click OK to continue. Downloaded from [www.Manualslib.com](http://www.Manualslib.com) manuals search engine...

[Page 94](#) 7. Click Next to finish setting up the standard TCP/IP port. 8. Install the printer driver from the vendor-model list. If your printer is not in the list, click Have Disk to manually install the printer drivers from a CD-ROM or file. Downloaded from [www.Manualslib.com](http://www.Manualslib.com) manuals search engine...

[Page 95](#) 9. Click Next to accept the default name for the printer. Click Finish to complete the installation. Downloaded from [www.Manualslib.com](http://www.Manualslib.com) manuals search engine...

### [Page 96: Download Master](#)

5.4 Download Master Download Master is a utility that helps you download files even while your laptops or other devices are switched off. NOTE: You need a USB device connected to the wireless router to use Download Master. To use Download Master: 1.

### [Page 97: Configuring Bit Torrent Download Settings](#)

5. Use the navigation panel to configure the advanced settings. 5.4.1 Configuring Bit Torrent download settings To configure BitTorrent download settings: 1. From Download Master's

navigation panel, click Bit Torrent to launch the Bit Torrent Setting page. 2. Select a specific port for your download task. 3.

### [Page 98: Nzb Settings](#)

5.4.2 NZB settings You can set up a USENET server to download NZB files. After entering USENET settings, Apply. Downloaded from [www.Manualslib.com](http://www.Manualslib.com) manuals search engine...

### [Page 99: Troubleshooting](#)

1. Launch the Web GUI. Go to Advanced Settings > Administration > Firmware Upgrade tab. Click Check to verify if the latest firmware is available. 2. If the latest firmware is available, visit the ASUS global website at [http://www.asus.com/Networks/Wireless\\_Routers/RTAC68U/#download](http://www.asus.com/Networks/Wireless_Routers/RTAC68U/#download) to download the latest firmware.

[Page 100](#) Check if your network settings are correct. • Each client on the network should have a valid IP address. ASUS recommends that you use the wireless router's DHCP server to assign IP addresses to computers on your network.

[Page 101](#) • Some cable modem service providers require you to use the MAC address of the computer initially registered on the account. You can view the MAC address in the web GUI, Network Map > Clients page, and hover the mouse pointer over your device in Client Status.

### [Page 102: Frequently Asked Questions \(Faq\)](#)

6.2 Frequently Asked Questions (FAQs) I cannot access the router GUI using a web browser • If your computer is wired, check the Ethernet cable connection and LED status as described in the previous section. • Ensure that you are using the correct login information. The default factory login name and password is "admin/admin".

[Page 103](#) The client cannot establish a wireless connection with the router. NOTE: If you are having issues connecting to 5Ghz network, make sure that your wireless device supports 5Ghz or features dual band capabilities. • Out of Range: • Move the router closer to the wireless client. •...

[Page 104](#) • SSID has been hidden. If your device can find SSIDs from other routers but cannot find your router's SSID, go to Advanced Settings > Wireless > General, select No on Hide SSID, and select Auto on Control Channel. • If you are using a wireless LAN adapter, check if the wireless channel in use conforms to the channels available in your country/area.

[Page 105](#) Internet is not accessible. • Check if your router can connect to your ISP's WAN IP address. To do this, launch the web GUI and go to General> Network Map, and check the Internet Status. • If your router cannot connect to your ISP's WAN IP address, try restarting your network as described in the section Restart your network in following sequence under Basic Troubleshooting.

[Page 106](#) Password: admin Enable DHCP: Yes (if WAN cable is plugged in) IP address: 192.168.1.1 Domain Name: (Blank) Subnet Mask: 255.255.255.0 DNS Server 1: 192.168.1.1 DNS Server 2: (Blank) SSID (2.4GHz): ASUS SSID (5GHz): ASUS\_5G Downloaded from [www.Manualslib.com](http://www.Manualslib.com) manuals search engine...

[Page 107](#) Firmware upgrade failed. Launch the rescue mode and run the Firmware Restoration utility. Refer to section 5.2 Firmware Restoration on how to use the Firmware Restoration utility. Downloaded from [www.Manualslib.com](http://www.Manualslib.com) manuals search engine...

[Page 108](#) Cannot access Web GUI Before configuring your wireless router, do the steps described in this section for your host computer and network clients. Disable the proxy server, if enabled. Windows ® 1. Click Start > Internet Explorer to launch the browser. 2.

[Page 109](#) MAC OS 1. From your Safari browser, click Safari > Preferences > Advanced > Change Settings... 2. From the Network screen, deselect FTP Proxy and Web Proxy (HTTP). 3. Click Apply Now when done. NOTE: Refer to your browser's help feature for details on disabling the proxy server.

[Page 110](#) 3. To obtain the IPv4 IP settings automatically, tick Obtain an IP address automatically. To obtain the IPv6 IP settings automatically, tick Obtain an IPv6 address





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### [Page 126: Asus Contact Information](#)

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### [Page 127: Networks Global Hotline Information](#)

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[Page 129](#) 00371-67408838 09:00-18:00 Mon-Fri Lithuania-Kaunas 00370-37329000 09:00-18:00 Mon-Fri Lithuania-Vilnius 00370-522101160 09:00-18:00 Mon-Fri NOTE: For more information, visit the ASUS support site at: <http://support.asus.com> ASUSTeK Computer Inc. Manufacturer: Tel: +886-2-2894-3447 Address: 4F, No. 150, LI-TE RD., PEITOU, TAIPEI 112, TAIWAN ASUS Computer GmbH...